

CLAIMS

Sub A47
We claim:

1. For use in a computer, a method of exposing a dial-up networking device to an application as a modem via RFCOMM, the method comprising the steps of;
 - 5 detecting a new connection to a remote device;
 - determining whether the remote device is a dial-up networking device;
 - if the remote device is the dial-up networking device, enumerating a physical device object corresponding to the remote device; and
 - using the physical device object to communicate between a Bluetooth modem
- 10 driver and RFCOMM without requiring the modem driver to specifically utilize an emulated COM port.
2. For use in a computer, a method of exposing a remote device to an application as sockets via RFCOMM, the method comprising the steps of;
 - 15 detecting a new connection to the remote device;
 - determining whether the remote device is a dial-up networking device; and
 - if the remote device is not the dial-up networking device, allowing access to the remote device through an interface available to the application; wherein the access to the remote device is established by a RFCOMM channel number and remote device
- 20 address pair.

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3. A method of automatically routing an RFCOMM connection to a proper device type comprising the steps of:

- detecting a new device for connection;
- determining the type of the new device;

5 enumerating a physical device object associated with the new device if the new device is a dial-up networking device; and

exposing the device to an application by way of a transport driver interface if the device is not a DUN device.

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